

<b>CALIFORNIA LEMON PRODUCTION *</b>		
<b>COMMON TREATMENTS</b>		
<b>PEST DISEASE TARGET</b>	<b>PEST CONTROL OPTIONS</b>	<b>TREATMENT PERIOD</b>
Growth Regulator	gibberellic acid (GA <sub>3</sub> )	October-November
California Red Scale	<i>Aphytis melinus</i> Releases **	February – September
Ants	chlorpyrifos (Lorsban)	May – October
Citrus Thrips	abamectin, spinosad, dimethoate, sabadilla (Veratran), spinetoram	May – October
Mites (citrus bud mite, citrus rust mite, broad mite)	sulfur, chlorpyrifos, abamectin, oil, fenbutatin-oxide, spinetoram, spirotetramat	February-November
Glassy-winged Sharpshooter	systemic imidacloprid (Admire) acetamiprid (Assail)	July
Anthracnose	azoxystrobin (Abound) azoxystrobin/difenoconazole (Quadris Top)	January
Brown Rot	copper materials fosetyl-Al (Aliette), potassium phosphite (Prophyt)	November-February
Clear Rot	azoxystrobin (Abound) azoxystrobin/difenoconazole (Quadris Top)	Preharvest
Botrytis infections	cyprodonil/fludioxonil (Switch) pyrimethanil (Scala)	Blossom wet periods
<b>POST-HARVEST TREATMENTS</b>		
<b>DISEASE TARGET</b>	<b>DISEASE CONTROL OPTIONS</b>	<b>TREATMENT PERIOD</b>
Blue-Green Mold	o-phenylphenol, thiabendazole, imazalil, fludioxonil, fludioxonil/azoxystrobin, pyrimethanil	Pre-Pack
Growth Regulator	2,4-D	

\* The only pesticides used by California citrus growers are ones that have been approved by U.S. Environmental Protection Agency (EPA) and the California Department of Pesticide Regulation.

\*\* Beneficial insects are a key component in the California orange growers IPM program.